

Title (en)  
13-(Substituted thio)acetoxymilbemycin derivatives, their preparation and their agrochemical uses.

Title (de)  
13-(substituierte Thio)Acetoxymilbemycinderivate, ihre Herstellung und ihre Verwendung.

Title (fr)  
Dérivés de 13-(thio-substitués)acetoxymilbémycine, leur préparation et leur agrochimie.

Publication  
**EP 0549273 A1 19930630 (EN)**

Application  
**EP 92311581 A 19921218**

Priority  
JP 33465091 A 19911218

Abstract (en)  
Compounds having the formula (I): <CHEM> in which: R<1> is methyl, ethyl or isopropyl; R<2> is alkyl, aralkyl, cycloalkyl, cycloalkylmethyl, aryl, heterocyclic, or heterocyclic-substituted thio; R<3> is hydrogen, methyl or ethyl; or R<2> together with R<3> is -(CH<sub>2</sub>)<sub>n</sub>, in which n is 3,4 or 5; and A is aromatic heterocyclic; and salts thereof, are valuable agricultural and horticultural anthelmintic, acaricidal and insecticidal agents.

IPC 1-7  
**A01N 43/90**; **C07D 493/22**

IPC 8 full level  
**A01N 43/90** (2006.01); **A01P 7/04** (2006.01); **C07D 493/22** (2006.01); **C07H 19/01** (2006.01)

CPC (source: EP KR US)  
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